

Notice of Allowability

Application No.

10/018,503

Examiner

Eleni A. Shiferaw

Applicant(s)

VITIKAINEN, TIMO

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/14/2007.
2. ☒ The allowed claim(s) is/are 1-44.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 4/26/07.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

NASSER MOAZZAMI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

4/26/07

DETAILED ACTION

1. A telephone interview was made on April 26, 2007 to resolve 112 issues and authorization for this examiner's amendment was given in a telephone interview with Alicia M. Choi on April 26, 2007. Based on the interview, Examiner's amendment has been made for independent claims 1 and 10.
2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 1-44 are pending.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Alicia M. Choi on April 26, 2007.

5. Claims 1 and 10 are amended as follows.
 1. (Currently Amended) An authentication method for identifying a subscriber of a first

network in a second network, comprising:

accessing a value added service platform in the second network being an internet protocol network from the first network being a general package radio services network by a terminal of the subscriber;

allocating an Internet protocol (IP) address of said second network to said subscriber;

generating information about a mapping between the subscriber's IP address in said second network and a subscriber identity; and

transmitting the mapping to said second network,

wherein said subscriber is identified in ~~a~~ said value added service platform based on said mapping information.

10. (Currently Amended) An authentication system for identifying a subscriber of a first network a second network, comprising:

a terminal of the subscriber configured to access a value added service platform in the second network being an internet protocol network from the first network being a general packet radio services network by ~~a~~ said terminal of the subscriber;

a gateway device comprising allocation means for allocating an Internet protocol address of said second network to said subscriber, and authentication client means for generating an information about a mapping between said Internet protocol address of said second network and a subscribe identity, and for transmitting said mapping information to said second network; and

an authentication server provided in said second network and configured to log and maintain said mapping information,

wherein said authentication server is a server for ~~a~~said value added service platform provided in said second network, wherein said value added service platform is configured to identify said subscriber based on said mapping information.

Response to Arguments

6. Appellant's arguments filed on 02/14/2007 have been fully considered and they are persuasive.

Allowable Subject Matter

7. The following is an examiner's statement of reasons for allowance:

Claims 1-44 are allowed over a prior art of record.

Claims 1, 10, 16, and 44: Prior art of record neither alone nor in combination teach an authentication method/system/device for identifying a subscriber of a first network in a second network comprising accessing a value added service platform in the second network from the first network and wherein the first network is a GPRS and the second network is IP network and identifying the subscriber based on a mapping information transmitted.

Claim 2-9, 11-15, and 17-43 are allowed because of dependency.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

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Allowance.”

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eleni A. Shiferaw whose telephone number is 571-272-3867.

The examiner can normally be reached on Mon-Fri 8:00am-5:00pm.

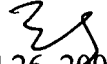
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser R. Moazzami can be reached on (571) 272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


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April 26, 2007

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